Quality Uncompromised

ROTEL®

Technical Manual

SURROUND SOUND PROCESSOR
RSP-1066

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Specifications

Audio

Total Harmonic Distortion
<0.05%

Intermodulation Distortion (60 Hz: 7kHz)
<0.05%

Frequency Response
10 Hz - 95 kHz, ±1 dB (line level)
10 Hz - 20 kHz, ±0.3 dB (digital level)

Signal to Noise Ratio (IHF A-weighted)
95 dB (Stereo) Analog
92 dB (Dolby Digital, dts) 0dBFs

Input Sensitivity/Impedance
Line Level: 200 mV/47 kohms

Tone Controls (Bass/Treble)
±8 dB at 100 Hz/10 kHz

Preamp Output Level
1.2 V (200 mV Input)

Video

Frequency Response
3 Hz – 10 MHz, ± 3 dB

Signal to Noise Ratio
45 dB

Input Impedance
75 ohms

Output Impedance
75 ohms

Output Level
1 volt

General

Power Consumption:
40 watts

Power Requirements (AC)
115 volts, 60Hz (USA version)
230 volts, 50Hz (CE version)

Weight
7.6 Kg/16.7 lb.

Dimensions (W x H x D)
432 x 122 x 341 mm
17" x 4 7/8 " x 13 1/2 "

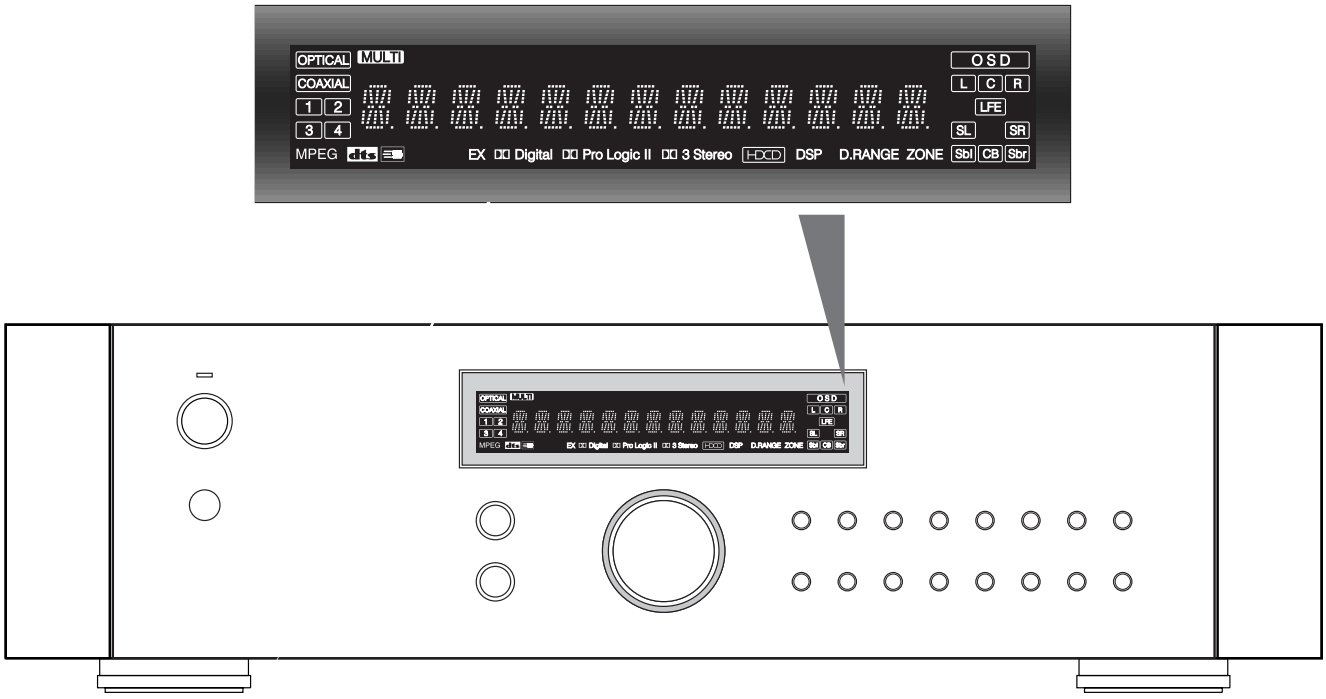
Front Panel Height
(feet removed/for rack mount)
109 mm / 4 5/16 "

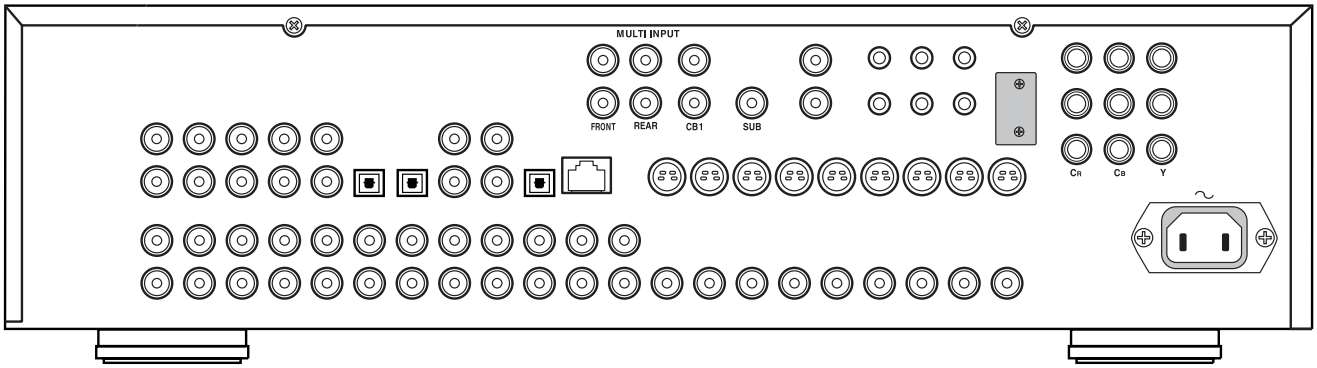
THE ROTEL CO., LTD.
SHINSEN-BLD. 4F 10-10 SHINSEN-CHO, SHIBUYA-KU,
TOKYO 150-0045, JAPAN

Serial. NO.
Beginning

Y-359A-0207/W

Appearance


OPTICAL
MULTI
COAXIAL
1 2
3 4
MPEG
EX Digital Pro Logic II 3 Stereo
DSP
D.RANGE
ZONE
OSD
L C R
LFE
SL SR
Sbl CB Sbr


MULTI INPUT
FRONT
REAR
CB1
SUB
Cr
Cb
Y

SYMBOL	PARTS NO.	DESCRIPTION
	016 X-1329A00 PCB ASSY	
	501 X-1329	PCB ASSY
L901	021 TRL-356	LINE CHOKE COIL
T901	022 T-1074N02	POWER TRANSFORMER (MAIN)
T902	022 T-1075N01	POWER TRANSFORMER (SUB)
(T902)	022 T-1075N02	POWER TRANSFORMER (SUB) for 016 X-1329B00
D901	034 T1N4003-TB	DIODE 1N4003-E
C901	044 3549472109	SPARK KILLER
RL901	063 DG1U-12	RELAY DG12D1-O(M)-2
	016 X-1330B01-09 PCB ASSY	
	501 X-1330	PCB ASSY
X101	023 CST10.0MTW	CERAMIC RESONATOR
IC101	031 CXP82832-338Q	I C (CPU) CXP82832-338Q
IC203,204,851	031 TC9163AN	I C (SWITCH ARRAY)
IC171,172	031 LTV817	I C (PHOTO COUPLER)
RMC101	031 SBX3010-52B	I C REMOTE EYE)
IC852	031 TSH94IN	I C (QUAD OPE)
Q101	032 TC3708-ST	TRANSISTOR 2SC3708AA-ST
D101,102,171-173	034 T1N4148-86	DIODE 1N4148TAP-50
FIP101	035 HNR08MM31	FL TUBE
C853,854,857,858,859	041 UTES1A101-FB	ELECTROLYTIC CAPACITOR 10V100uF
C114	041 UTES1H010-FB	ELECTROLYTIC CAPACITOR 50V1uF
C851,852	041 UTES1H100-FB	ELECTROLYTIC CAPACITOR 50V10uF
C117	041 UTES1H4R7-FB	ELECTROLYTIC CAPACITOR 50V4.7uF
C101,102,106,107,161-167	043 TC50V101	CERAMIC CAPACITOR 50V100pF
C115,118	043 TC50V103	CERAMIC CAPACITOR 50V0.01uF
C855,856	043 TC50V104	CERAMIC CAPACITOR 50V0.1uF
C112,113,116	043 TC50V473	CERAMIC CAPACITOR 50V0.047uF
C108-111	043 TC50V821	CERAMIC CAPACITOR 50V820pF
CS101	044 3549472109	SPARK KILLER
R175,176	053 CR14-100J-A	CARBON RESISTOR 1/4W 10
R172,174	053 CR14-101J-A	CARBON RESISTOR 1/4W 100
R101,102,124-126,151-157	053 CR14-102J-A	CARBON RESISTOR 1/4W 1K
R171,173,177,188	053 CR14-102J-A	CARBON RESISTOR 1/4W 1K
R100,114-119,123	053 CR14-103J-A	CARBON RESISTOR 1/4W 10K
R127-142	053 CR14-124J-A	CARBON RESISTOR 1/4W 120K
R121	053 CR14-181J-A	CARBON RESISTOR 1/4W 180
R120	053 CR14-470J-A	CARBON RESISTOR 1/4W 47
R122	053 CR14-472J-A	CARBON RESISTOR 1/4W 4.7K
R105-108,110-113,161-167	053 CR14-473J-A	CARBON RESISTOR 1/4W 47K
R859-861	053 CR16-101J-A	CARBON RESISTOR 1/6W 100
R865-870,880	053 CR16-102J-A	CARBON RESISTOR 1/6W 1K
R862-864	053 CR16-103J-A	CARBON RESISTOR 1/6W 10K
R857,858	053 CR16-221J-A	CARBON RESISTOR 1/6W 220
R874-876	053 CR16-223J-A	CARBON RESISTOR 1/6W 22K
R851-856,871-873	053 CR16-750J-A	CARBON RESISTOR 1/6W 75
ESW101	056 C-4678A01	ENCODER (VOLUME)
ESW102,103	056 C-4678A03	ENCODER (TONE)
SW100	061 C-4176A08	POWER SWITCH
SW101-116	061 C-4679A03	TACT SWITCH SKHHAM5H
JK174	064 KSP02	DIP SWITCH (UPGRADE SOFTWARE)
JK171-173	065 HSJ1002-01-1020	3.5Φ MINI JACK
JK851	066 C-4721A02	9P PIN JACK (GR/BL/R)
JK153	066 C-4733A03	1P PIN JACK (BLK)
JK154	066 C-4764A01	2P PIN JACK (R/W)
JK152	066 C-4764A02	2P PIN JACK (B/B)
JK151	066 C-4784A01	4P PIN JACK (R/W)
	016 E-1336B00 PCB ASSY	
	501 E-1336	PCB ASSY
L802	021 LF146A00	MICRO INDUCTOR 10uH
L801	021 LF147A00	MICRO INDUCTOR 100uH
X801	023 HC49U-001	CRYSTAL 14.31818MHZ

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SYMBOL	PARTS NO.	DESCRIPTION
IC901-903	031 KIA7805P	I C (REGULATOR +5V)
IC905	031 KIA7806PI	I C (REGULATOR +6V)
IC907	031 KIA7815PI	I C (REGULATOR +15V)
IC904	031 KIA7906PI	I C (REGULATOR -6V)
IC906	031 KIA7915PI	I C (REGULATOR -15V)
IC201,202,802	031 TC9163AN	I C (SWITCH)
IC801	031 KS5520-1	I C (SCREEN DISPLAY)
IC204-209,302,303	031 NJM5532D	I C (DUAL OPEAMP)
IC301	031 TC9459N	I C (VOLUME)
IC803	031 TSH94IN	I C (QUAD OPEAMP)
Q209-212,303	032 TA1564	TRANSISTOR 2SA1564AC
Q201-208,301,302	032 TDTC323TS	TRANSISTOR DTC323TS
Q801,802,805,901	033 TA1450-ST	TRANSISTOR 2SA1450AA-ST
Q213,304,803,804,902,903	033 TC3708-ST	TRANSISTOR 2SC3708AA-ST
D901-914,918	034 T1N4003-TB	DIODE 1N4003-E
D801-803,915-917,919	034 T1N4148-86	DIODE 1N4148TAP-50
D922	034 TRD12JST1	ZENER DIODE 12V (AB2)
D920	034 TRD27JST1	ZENER DIODE 27V (AB2)
D923	034 TRD4.3EST1	ZENER DIODE 4.3V (B2)
D921,924	034 TRD9.1JST1	ZENER DIODE 9.1V (AB2)
C801-804	041 TUTES1A471-TF	ELECTROLYTIC CAPACITOR 10V470uF
C908	041 TUTES1E221-TF	ELECTROLYTIC CAPACITOR 25V220uF
C805-808,812,813,816,817,827,833	041 UTES1A101-FB	ELECTROLYTIC CAPACITOR 10V100uF
C909	041 UTES1C102	ELECTROLYTIC CAPACITOR 16V1000uF
C906	041 UTES1C103	ELECTROLYTIC CAPACITOR 16V10000uF
C904,905	041 UTES1C222	ELECTROLYTIC CAPACITOR 16V2200uF
C901	041 UTES1C472	ELECTROLYTIC CAPACITOR 16V4700uF
C249-264,351-354,368,369	041 UTES1E470-FB	ELECTROLYTIC CAPACITOR 25V47uF
C810,811,918	041 UTES1E470-FB	ELECTROLYTIC CAPACITOR 25V47uF
C821,822,911-916	041 UTES1H010-FB	ELECTROLYTIC CAPACITOR 50V1uF
C265,266,269-272,275-279,288	041 UTES1H100-FB	ELECTROLYTIC CAPACITOR 50V10uF
C291-294,297-300,303-308,355,356	041 UTES1H100-FB	ELECTROLYTIC CAPACITOR 50V10uF
C360,361,366,367,809,919	041 UTES1H100-FB	ELECTROLYTIC CAPACITOR 50V10uF
C920	041 UTES1H220-FB	ELECTROLYTIC CAPACITOR 50V22uF
C823	041 UTES1H2R2-FB	ELECTROLYTIC CAPACITOR 50V2.2uF
C921	041 UTES1H470-FB	ELECTROLYTIC CAPACITOR 50V47uF
C826	041 UTES1HR47-FB	ELECTROLYTIC CAPACITOR 50V0.47uF
C902,903	041 UTES1V332	ELECTROLYTIC CAPACITOR 35V3300uF
C922-934	043 TC500V103	CERAMIC CAPACITOR 500V0.01uF
C824,829	043 TC50V101	CERAMIC CAPACITOR 50V100pF
C825	043 TC50V103	CERAMIC CAPACITOR 50V0.01uF
C814,815,828,832,917	043 TC50V104	CERAMIC CAPACITOR 50V0.1uF
C830,831	043 TC50VCH330	CERAMIC CAPACITOR 50V33pF
C819,820	043 TC50VCH560	CERAMIC CAPACITOR 50V56pF
C910	044 50MSAN224J	SF CAPACITOR 50V0.22uF
C201-248,267,268,273,274,289,290	044 S50V100PJ	STYROL CAPACITOR 50V100pF
C295,296,301,302,357-359,362-365	044 S50V100PJ	STYROL CAPACITOR 50V100pF
R913,914	053 CR14-010J-A	CARBON RESISTOR 1/4W 1
R834	053 CR14-101J-A	CARBON RESISTOR 1/4W 100
R201-224,232-236,247,248,255-258	053 CR14-102J-A	CARBON RESISTOR 1/4W 1K
R267-270,279-282,291-294,303-305	053 CR14-102J-A	CARBON RESISTOR 1/4W 1K
R308,309,355,356,361-363,366,367	053 CR14-102J-A	CARBON RESISTOR 1/4W 1K
R370,371,376,377,820	053 CR14-102J-A	CARBON RESISTOR 1/4W 1K
R249,250,253,254,259,260,265,266	053 CR14-104J-A	CARBON RESISTOR 1/4W 100K
R271,272,277,278,283,284,289,290	053 CR14-104J-A	CARBON RESISTOR 1/4W 100K
R295,296,301,302,310,311,314,315	053 CR14-104J-A	CARBON RESISTOR 1/4W 100K
R357,358,368,369,374,375	053 CR14-104J-A	CARBON RESISTOR 1/4W 100K
R821	053 CR14-121J-A	CARBON RESISTOR 1/4W 120
R225-230,237-246,263,264	053 CR14-221J-A	CARBON RESISTOR 1/4W 220
R351-354,364,365,832,833	053 CR14-221J-A	CARBON RESISTOR 1/4W 220
R378	053 CR14-332J-A	CARBON RESISTOR 1/4W 3.3K
R854,912	053 CR14-470J-A	CARBON RESISTOR 1/4W 47
R251,252,261,262,273,274,285,286	053 CR14-472J-A	CARBON RESISTOR 1/4W 4.7K
R297,298,306,312,313,359,360,372	053 CR14-472J-A	CARBON RESISTOR 1/4W 4.7K

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SYMBOL	PARTS NO.	DESCRIPTION
R373,379	053 CR14-472J-A	CARBON RESISTOR 1/4W 4.7K
R804	053 CR14-750J-A	CARBON RESISTOR 1/4W 75
R848	053 CR16-010J-A	CARBON RESISTOR 1/6W 1
R843	053 CR16-100J-A	CARBON RESISTOR 1/6W 10
R802,808-810	053 CR16-101J-A	CARBON RESISTOR 1/6W 100
R814-819,835-837,904,906,910	053 CR16-102J-A	CARBON RESISTOR 1/6W 1K
R803,811-813,911	053 CR16-103J-A	CARBON RESISTOR 1/6W 10K
R838	053 CR16-104J-A	CARBON RESISTOR 1/6W 100K
R846	053 CR16-105J-A	CARBON RESISTOR 1/6W 1M
R845	053 CR16-122J-A	CARBON RESISTOR 1/6W 1.2K
R847	053 CR16-181J-A	CARBON RESISTOR 1/6W 180
R839	053 CR16-204J-A	CARBON RESISTOR 1/6W 200K
R830,831	053 CR16-220J-A	CARBON RESISTOR 1/6W 22
R828,829,908	053 CR16-222J-A	CARBON RESISTOR 1/6W 2.2K
R842	053 CR16-223J-A	CARBON RESISTOR 1/6W 22K
R844	053 CR16-392J-A	CARBON RESISTOR 1/6W 3.9K
R826,902,903,907,909	053 CR16-470J-A	CARBON RESISTOR 1/6W 47
R841,905	053 CR16-472J-A	CARBON RESISTOR 1/6W 4.7K
R840	053 CR16-512J-A	CARBON RESISTOR 1/6W 5.1K
R824,825	053 CR16-563J-A	CARBON RESISTOR 1/6W 56K
R827	053 CR16-680J-A	CARBON RESISTOR 1/6W 68
R822,823	053 CR16-682J-A	CARBON RESISTOR 1/6W 6.8K
R805-807,849-853	053 CR16-750J-A	CARBON RESISTOR 1/6W 75
R901	054 1WS47JF	MOF RESISTOR 1WS 47
JK801-JK803	066 4TR-2964#10	3P PIN JACK AU (YEL)
JK201-JK204	066 4TR-3184	6P PIN JACK AU (WHT,RED)
	016 X-1331A00 PCB ASSY (S-VIDEO B'D)	
	501 X-1331	PCB ASSY
LD601	021 LF146A00	INDUCTOR 10UH
LD602	021 LF147A00	INDUCTOR 100UH
ICD601	031 KS5520-1	I C (SCREW DISPLAY)
IC601,IC602	031 TC9163AF	I C (SWITCH)
IC603,604	031 TSH94ID	IC (QUAD OPEAMP)
Q608,610	032 KTA107M	TRANSISTOR
Q602,603,QD601	032 KTA1271	TRANSISTOR
Q609	032 KTC107M	TRANSISTOR
Q601,604,607,611	032 KTC3203	TRANSISTOR
D601,602	034 T1N4148-86	DIODE 1N4148TAP-50
ZD601	034 TRD5.1JST1	ZENER DIODE 5.1V
C601,602,605,606,613-620,	041 TUTES1A101-TF	ELECTROLYTIC CAPACITOR 10V100uF
C625-631,CD601,602,616	041 TUTES1A101-TF	ELECTROLYTIC CAPACITOR 10V100uF
C621-624	041 TUTES1A471-TF	ELECTROLYTIC CAPACITOR 10V470uF
C609-612	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CD603,608	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C600	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CD607	041 TUTES1H2R2-TF	ELECTROLYTIC CAPACITOR 50V2.2uF
CD609	041 TUTES1HR47-TF	ELECTROLYTIC CAPACITOR 50V0.47uF
CD614,615	043 TC50VCH330	CERAMIC CAPACITOR 50V33pF
CD604,605	043 TC50VCH560	CERAMIC CAPACITOR 50V56pF
CD610	047 ECJ2VB1H103K	CERAMIC CAPACITOR CHIP 0.01uF
CD602,613	047 ECJ2VB1H223K	CERAMIC CAPACITOR CHIP 0.022uF
C603,604,607,608	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CD606,CD611	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
RD610	055 ERJ6GEYJ100V	RESISTOR CHIP 10
R641-648,RD614	055 ERJ6GEYJ101V	RESISTOR CHIP 100
R657-672,675,RD602-604	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R649-656,RD618	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RD606	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RD613	055 ERJ6GEYJ105V	RESISTOR CHIP 1M
RD611	055 ERJ6GEYJ122V	RESISTOR CHIP 1.2K
RD619	055 ERJ6GEYJ123V	RESISTOR CHIP 12K
RD617	055 ERJ6GEYJ181V	RESISTOR CHIP 180
RD605	055 ERJ6GEYJ204V	RESISTOR CHIP 200K
R621-624	055 ERJ6GEYJ221V	RESISTOR CHIP 220

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SYMBOL	PARTS NO.	DESCRIPTION
R629,630	055 ERJ6GEYJ222V	RESISTOR CHIP 2.2K
RD609	055 ERJ6GEYJ223V	RESISTOR CHIP 22K
RD601	055 ERJ6GEYJ2R2V	RESISTOR CHIP 2.2
RD612	055 ERJ6GEYJ392V	RESISTOR CHIP 3.9K
R600,631-635,RD615,616	055 ERJ6GEYJ470V	RESISTOR CHIP 47
R676,RD608	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
RD607	055 ERJ6GEYJ512V	RESISTOR CHIP 5.1K
R627,628	055 ERJ6GEYJ563V	RESISTOR CHIP 56K
R617,618,636	055 ERJ6GEYJ680V	RESISTOR CHIP 68
R625,626	055 ERJ6GEYJ682V	RESISTOR CHIP 6.8K
R601-616	055 ERJ6GEYJ750V	RESISTOR CHIP 75
	016 E-1332A00 PCB ASSY (DIGITAL1 B'D)	
	501 E-1332	PCB ASSY
XT501	3908101140	CRYSTAL 24.576MHZ
IC520	031 24C16	IC (EEPROM)
IC513	031 39VF040	IC 39VF040 (V1.2)
IC518	031 62C256	IC IS62C256
IC511,512	031 74AHC574	IC
IC505,508	031 74HC157	IC
IC516	031 74HC244	IC
IC515	031 74HCT125	IC
IC510	031 AK4114	IC (DIR)
IC525,526,527,528	031 AK4324	IC (DAC)
IC524	031 AK5351	IC (ADC)
IC506	031 AME1117BCGT	IC
IC507	031 AME1117CCGT	IC
IC514	031 CS493263	IC (DSP)
IC519	031 EN29F002NT-P66	IC (FLASH MEMORY)
IC521	031 HIN232	IC
IC522,523,529,530,531,532,	031 NJM5532	IC
IC533	031 NJM5532	IC
IC534	031 NJU7311AM	IC
IC517	031 TMP95C063F	IC (CPU)
IC502,503	031 TORX178B	IC
IC504	031 TOTX178B	IC
Q501,502,503,504	032 KRC107S	TRANSISTOR
D504,505	034 KDS184RTK	DIODE
D501,502,503	034 KDS226RTK	DIODE
C525,526,579,580	041 TUTES1A101-TF	ELECTROLYTIC CAPACITOR 10V100uF
C615	041 TUTES1A471-TF	ELECTROLYTIC CAPACITOR 10V470uF
C537,538,581,582,583,584,	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
C589,590,591,592,613,614	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
C566,567,568,569	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C511,514,521,522,523,524,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C542,543,546,570,578,597,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C598,599,600,601,602,603,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C604,605,606,607,608,609,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C610,611,612,CFL504,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CAL502,CAR502,CAL505,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CAR505,CAL506,CAR506	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CBL504,CBR504,CCT504,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CFR504,CSL504,CSR504,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CSW504,CAL501,CAR501,	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C539	041 TUTES1H2R2-TF	ELECTROLYTIC CAPACITOR 50V2.2uF
C564	041 TUTES1H3R3-TF	ELECTROLYTIC CAPACITOR 50V3.3uF
C565	041 TUTES1HR22-TF	ELECTROLYTIC CAPACITOR 50V0.22uF
C547	041 TUTES1HR47-TF	ELECTROLYTIC CAPACITOR 50V0.47uF
C541	047 ECJ2VG1H103K	CERAMIC CAPACITOR CHIP 0.01uF
CSW502,503	047 ECJ2VG1H103K	CERAMIC CAPACITOR CHIP 0.01uF
C501,515,516,527,530,531,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C504,506,508,510,512,513,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C517,518,519,520,528,532,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C533,534,535,536,544,545,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C548,551,555,556,557,558,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF

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SYMBOL	PARTS NO.	DESCRIPTION
C549,550,561,562,571	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C559,560,563,572,573,575,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C576,577,585,586,587,588,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C593,594,595,596,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CAL503,CAR503	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CBL502,503,CBR502,503,	047 ECJ2VG1H121J	CERAMIC CAPACITOR CHIP 120pF
CCT502,503	047 ECJ2VG1H121J	CERAMIC CAPACITOR CHIP 120pF
CFL502,503,CFR502,503,	047 ECJ2VG1H121J	CERAMIC CAPACITOR CHIP 120pF
CSL502,503,CSR502,503,	047 ECJ2VG1H121J	CERAMIC CAPACITOR CHIP 120pF
CAL504,CAR504	047 ECJ2VG1H222K	CERAMIC CAPACITOR CHIP 0.0022uF
C553,554	047 ECJ2VG1H270J	CERAMIC CAPACITOR CHIP 27pF
CCT501,CSW501	047 ECJ2VG1H331J	CERAMIC CAPACITOR CHIP 330pF
CFL501,CFR501,CSL501,	047 ECJ2VG1H331J	CERAMIC CAPACITOR CHIP 330pF
CSR501,CBL501,CBR501,	047 ECJ2VG1H331J	CERAMIC CAPACITOR CHIP 330pF
C540	047 ECJ2VG1H471J	CERAMIC CAPACITOR CHIP 470pF
CFL505,CFR505,CCT505	047 ECJ2VG1H473K	CERAMIC CAPACITOR CHIP 0.047uF
	047 ECJ2VG1H473K	CERAMIC CAPACITOR CHIP 0.047uF
JMP1,JMP2,JMP4,R588	055 ERJ6GEYJ000V	RESISTOR CHIP 0R
JMP5,JMP7	055 ERJ6GEYJ000V	RESISTOR CHIP 0R
R516,578	055 ERJ6GEYJ100V	RESISTOR CHIP 10
R519,535,536,568,569,570	055 ERJ6GEYJ100V	RESISTOR CHIP 10
R525,575,576	055 ERJ6GEYJ101V	RESISTOR CHIP 100
R526,527,528,529,530,579	055 ERJ6GEYJ101V	RESISTOR CHIP 100
R557,RAL513,RAR513,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R596,597,598	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RBL508,RBR508,RCT508,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RFL508,RFR508,RSL508,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RSR508,RSW508	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R533,549,550,551,552,553,	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
R554,555,556,561,563,564,	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
R565,566,RAL501,RAR501	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
R571,RAL502,RAR502,	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RAL504,RAR504	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RAL510,511,RAR510,511	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RCT507,RSW507	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RFL507,RFR507,RSL507,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSR507,RBL507,RBR507,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
R562	055 ERJ6GEYJ105V	RESISTOR CHIP 1M
R503,507,512	055 ERJ6GEYJ181V	RESISTOR CHIP 180
R532	055 ERJ6GEYJ183V	RESISTOR CHIP 18K
R584,586,588,590,594,595	055 ERJ6GEYJ221V	RESISTOR CHIP 220
R585,R587,R589,591,592,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
R593	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RAL508,509,RAR508,509	055 ERJ6GEYJ331V	RESISTOR CHIP 330
RAL505,RAR505	055 ERJ6GEYJ332V	RESISTOR CHIP 3.3K
R541	055 ERJ6GEYJ333V	RESISTOR CHIP 33K
R517,518	055 ERJ6GEYJ471V	RESISTOR CHIP 470
	055 ERJ6GEYJ471V	RESISTOR CHIP 470
R538,R539,R546,RAR507,	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
R540,542,543,544,545,547,	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
R548,567,RAL506,RAR506	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
RAL507	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
RAL503,RAR503	055 ERJ6GEYJ473V	RESISTOR CHIP 47K
R580,581,582,583	055 ERJ6GEYJ561V	RESISTOR CHIP 560
RBL501,502,503,504,505,	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RBR501,502,503,504,505,	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RCT501,502,503,504,505,	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RFL501,502,503,504,505,	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RFR501,503,503,504,505,	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RSL501,502,503,504,505,	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RSR501,502,503,504,505,	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RSW501,502,503,504,505	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
R501,506,511,520	055 ERJ6GEYJ750V	RESISTOR CHIP 75
R505,510,515	055 ERJ6GEYJ750V	RESISTOR CHIP 75

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SYMBOL	PARTS NO.	DESCRIPTION
RCT506,RSW506	055 ERJ6GEYJ912V	RESISTOR CHIP 9.1K
RFL506,RFR506,RSL506,	055 ERJ6GEYJ912V	RESISTOR CHIP 9.1K
RSR506,RBL506,RBR506,	055 ERJ6GEYJ912V	RESISTOR CHIP 9.1K
CP402,404	068 B12B-PH-KS	CONNECTOR WAFER CP12P
CP401	068 B15B-PH-KS	CONNECTOR WAFER CP15P
CP405	068 B4B-PH-KS	CONNECTOR WAFER CP4P
IC513	4448032091	IC SOCKET 32PIN-PLCC-SOCKET
IC519	4448032692	IC SOCKET 32PIN-DIP-SOCKET
JK501	066 SY010-8P/K	JACK RJ-45
L501,502,505	2648702149	CHIP INDUCTOR CIB21P110
L503,506,507,508,509	2648702148	CHIP INDUCTOR CIM21J102
L504,510	2648702148	CHIP INDUCTOR CIM21J102
RCA501,503	4438100230	JACK RCA4P(BK,BK,BK,BK)
RCA502	4438100320	JACK RCA6P(WHT,RED)
T501,502,503,504	2888000010	DIG COIL
XT502	3938311003	CRYSTAL 12.288MHZ
	016 X-1333A00 PCB ASSY (DIGITAL2 B'D)	
	501 X-1333	PCB ASSY
IC701,702,703,704,705,	031 NJM5532M	IC
IC710,711,712,714,716	031 NJM5532M	IC
IC717	031 NJU7311AM	IC (SWITCH)
IC709,713	031 TC9184P	IC (TONE)
IC706,707,708,715	031 TC9459F	IC (VOLUME)
QC701,QSW701	032 KRA107S	TRANSISTOR
QF701,QS701,QSS701,	032 KRA107S	TRANSISTOR
QC703,QSW702,703,QF702,	032 KRC231S	TRANSISTOR
QF703,705,QS702,QSS702	032 KRC231S	TRANSISTOR
QFL701,QFR701,QSL701,	032 KRC231S	TRANSISTOR
QSL702,QSR701,702,QC702,	032 KRC231S	TRANSISTOR
DF702	034 KDS184RTK	DIODE
DS701,DSS701	034 KDS184RTK	DIODE
DSW701,DF701,DC701,	034 KDS184RTK	DIODE
C701,702,CF701,702,703,	041 UTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CCW701,702,703,704,705,	041 UTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CCW707,709,710,CSW719,	041 UTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CF704,705,707,709,710,712,	041 UTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CF713,CS701,702,703,704,	041 UTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CS705,706,708,709,710,711,	041 UTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CSW720,CM701,702	041 UTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CFL709,CFR709,CC708	041 UTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
CC709,CSW701,704,705,708,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CFL701,702,705,706,710,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CFR701,702,705,706,710,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CML701,704,CMR701,704	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CSL701,704,705,708,709,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CSL712,713,716,CSR701,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CSR704,705,708,709,712,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CSR713,716,CC701,704,705,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CSW709,712,713,714,717,	041 UTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CFL713,CFR713,CC712	042 TP50V123J	MYLAR CAPACITOR 50V0.012uF
CFL715,CFR715,CC714	042 TP50V223J	MYLAR CAPACITOR 50V0.022uF
CFL714,CFR714,CC713	042 TP50V272J	MYLAR CAPACITOR 50V0.0027uF
CFL711,CFR711,CC710	042 TP50V563J	MYLAR CAPACITOR 50V0.056uF
CFL712,CFR712,CC711	042 TP50V682J	MYLAR CAPACITOR 50V0.0068uF
CC702,703,706,CSW703,	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CFL703,704,707,CFR703,	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CFR704,707,CSL702,703,	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CML702,CMR702	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CMR703	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CSL706,707,710,711,714,	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CSL715,CSR702,703,706,	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CSR707,710,711,714,715,	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CSW715,716,CML703,	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CF706,708,CCW702,706,708,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF

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SYMBOL	PARTS NO.	DESCRIPTION
CF711,CS707,714,CC715,	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CSW718	047 ECJ2VG1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CSW707	047 ECJ2VG1H222K	CERAMIC CAPACITOR CHIP 0.0022uF
CFL708,CFR708,CC707	047 ECJ2VG1H270J	CERAMIC CAPACITOR CHIP 27pF
CSW706,710	047 ECJ2VG1H563K	CERAMIC CAPACITOR CHIP 0.056uF
CSW711	047 ECJ2VG1H822K	CERAMIC CAPACITOR CHIP 0.0082uF
J701	055 ERJ6GEYJ000V	RESISTOR CHIP 0R
RFL701,RFR701	055 ERJ6GEYJ000V	RESISTOR CHIP 0R
RC707,RSW711,718,	055 ERJ6GEYJ101V	RESISTOR CHIP 100
RFL707,708,RFR707,708,	055 ERJ6GEYJ101V	RESISTOR CHIP 100
RML701,RMR701	055 ERJ6GEYJ101V	RESISTOR CHIP 100
RSL707,719,RSR707,719,	055 ERJ6GEYJ101V	RESISTOR CHIP 100
R703,704,705,RFL702,719,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RCW706,707,712,713,714,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RF703,704,705,710,711,712,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RF717,RS703,704,705,712,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RFL716,RFR716,RCW705,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RFR702,719,RSL701,712,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RS715,716,717,724,RC715,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RSL713,724,RSR701,712,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RSR713,724,RC701,RSW706,	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RSW701	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RSW723	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RC703,RSW703,RML703,	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RMR703	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RSL703,709,715,721,	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RSR703,709,715,721,	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RSW714	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RC717,720,721,RSW702,704,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RFL703,706,709,718,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RFR703,706,709,718,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RML704,RMR702,704	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RS711,722,723	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSL702,705,708,711,714,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSL717,720,723,RSR702,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSR705,708,711,714,717,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSR720,723,RC702,705,708,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSW707,712,716,RML702,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSW710,715,719,722,724,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSW725,RF715,716,RS710,	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSL710,722,RSR710,722	055 ERJ6GEYJ182V	RESISTOR CHIP 1.8K
RSW720	055 ERJ6GEYJ183V	RESISTOR CHIP 18K
RF718,719,RC722,RSW726,	055 ERJ6GEYJ202V	RESISTOR CHIP 2K
R701,702,RF701,702,706,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RCW703,704,708,709,710,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RCW711,RSW727,728,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RF707,708,709,713,714,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RM701,702,RCW701,702,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RS701,702,706,707,708,709,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RS713,714,718,719,720,721,	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RC718	055 ERJ6GEYJ222V	RESISTOR CHIP 2.2K
RFL714,RFR714,RC713	055 ERJ6GEYJ273V	RESISTOR CHIP 27K
RSW709	055 ERJ6GEYJ392V	RESISTOR CHIP 3.9K
RFL712,RFR712,RC711	055 ERJ6GEYJ393V	RESISTOR CHIP 39K
RC704,716	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
RFL704,RFR704	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
RFL705,717,RFR705,717,	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
RSL704,716,RSR704,716,	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
RFL710,RFR710,RC709	055 ERJ6GEYJ474V	RESISTOR CHIP 470K
RFL715,RFR715,RC714	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RFL713,RFR713,RC712	055 ERJ6GEYJ564V	RESISTOR CHIP 560K
RSW713	055 ERJ6GEYJ682V	RESISTOR CHIP 6.8K
RF720,721,722,723	055 ERJ6GEYJ821V	RESISTOR CHIP 820
RSW721	055 ERJ6GEYJ821V	RESISTOR CHIP 820

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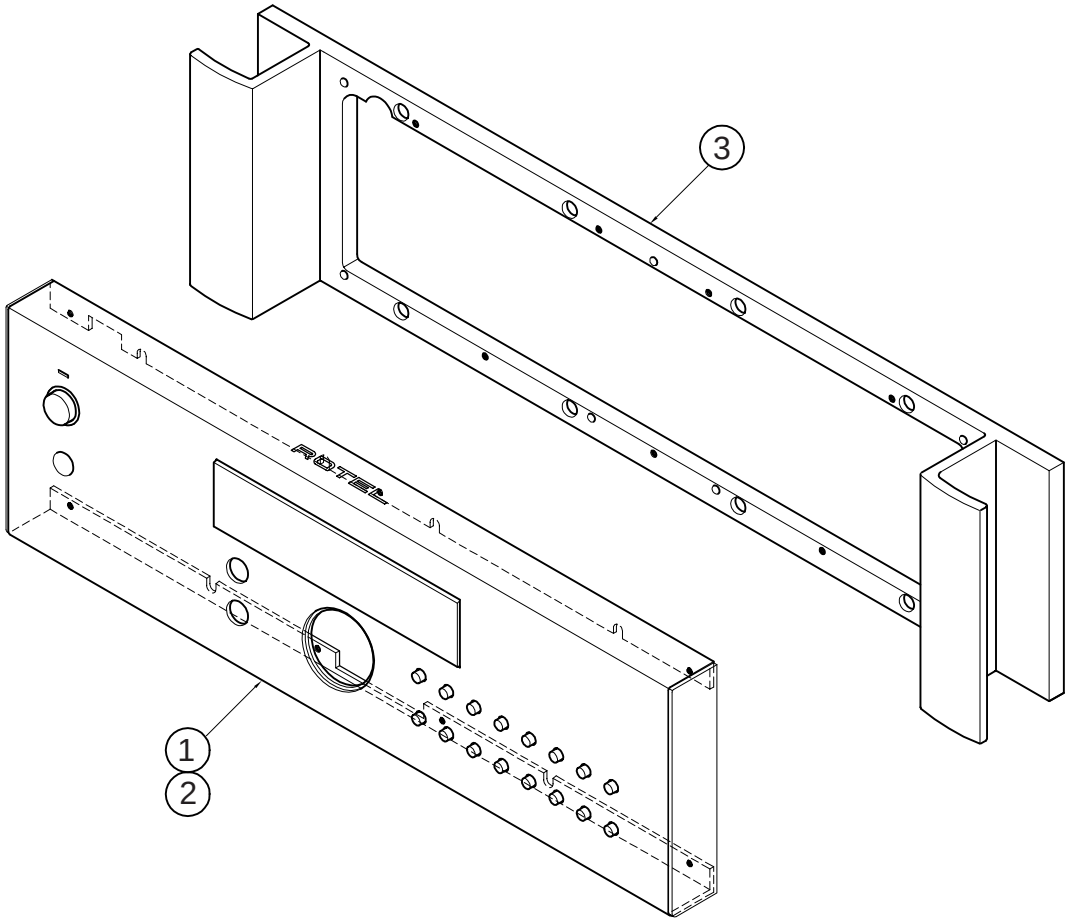
SYMBOL	PARTS NO.	DESCRIPTION
RFL711,RFR711,RC710	055 ERJ6GEYJ823V	RESISTOR CHIP 82K
RSW708	055 ERJ6GEYJ912V	RESISTOR CHIP 9.1K
	OTHERS	
	011 FP-546C-B	BLACK PANEL ASSY
	011 FP-546C-S	SILVER PANEL ASSY
	011 TH3-01B00	H/S PANEL H109
	012 C-4751A00	KNOB 10F (BLK)
	012 C-4751A01	KNOB 10F (SLV)
	012 C-4752A03	KNOB 33F (BLK)
	012 C-4752A03S	KNOB 33F (SLV)
	012 RV4-09A00	PUSH BUTTON 14F (BLK)
	012 RV4-09A01	PUSH BUTTON 14F (SLV)
	012 TB3-18A00	TACT BUTTON 16 KEY (BLK)
	012 TB3-18A01	TACT BUTTON 16 KEY (SLV)
	014 C-4723A04	UPPER COVER
	019 4TSH-19#2	PLASTIC FOOT 50F (BLK)
	034 SEL1124R	LED (RED) 1X5
	034 SEL1E24W	LED (BLUE) 1X5
	069 C-4629A01	AC 2P INLET 6102.3100 (WIRING)
	072 C-4621A01	AC CORD SET SJT AWG16/2C for USA
	072 C-4622A01	AC CORD SET for AUSTRALIA
	072 C-4623A01	AC CORD SET for U.K
	072 C-4624A01	AC CORD SET for EUROPE
	072 C-4738A01	PIN PLUG CORD (AU)
	072 C-4786A00	COMPUTER I/O CABLE (UPGRADE CABLE)
	081 UA4-20A00	INSIDE CARTON
	081 UA4-21A00	SHIPPING CARTON
	081 Z-204	STYROL MOULDING
	092 RR-969	REMOTE CONTROL UNIT

Addendum List for Black and Silver

RSP1066

SYMBOL	PARTS	DESCRIPTION
①	011 FP-546C-B	BLACK PANEL ASSY
②	011 FP-546C-S	SILVER PANEL ASSY
③	011 TH3-01B00	H/S PANEL H109
	012 C-4751A00	KNOB 10F (BLACK)
	012 C-4751A01	KNOB 10F (SILVER)
	012 C-4752A03	KNOB 33F NO LINE (BLACK)
	012 C-4752A03S	KNOB 33F NO LINE (SILVER)
	012 RV4-09A00	PUSH BUTTON 14F (BLACK)
	012 RV4-09A01	PUSH BUTTON 14F (SILVER)
	012 TB3-18A00	TACT BUTTON 16 KEY (BLACK)
	012 TB3-18A01	TACT BUTTON 16 KEY (SILVER)
	034 SEL1124R	LED (RED) 1X5
	034 SEL1E24W	LED (BLUE) 1X5



Procedure of RSP-1066 software upgrade

*Note : This procedure is made by translation of Windows 98 version. So some of menu or option name may not be matched with some versions of Windows 98.

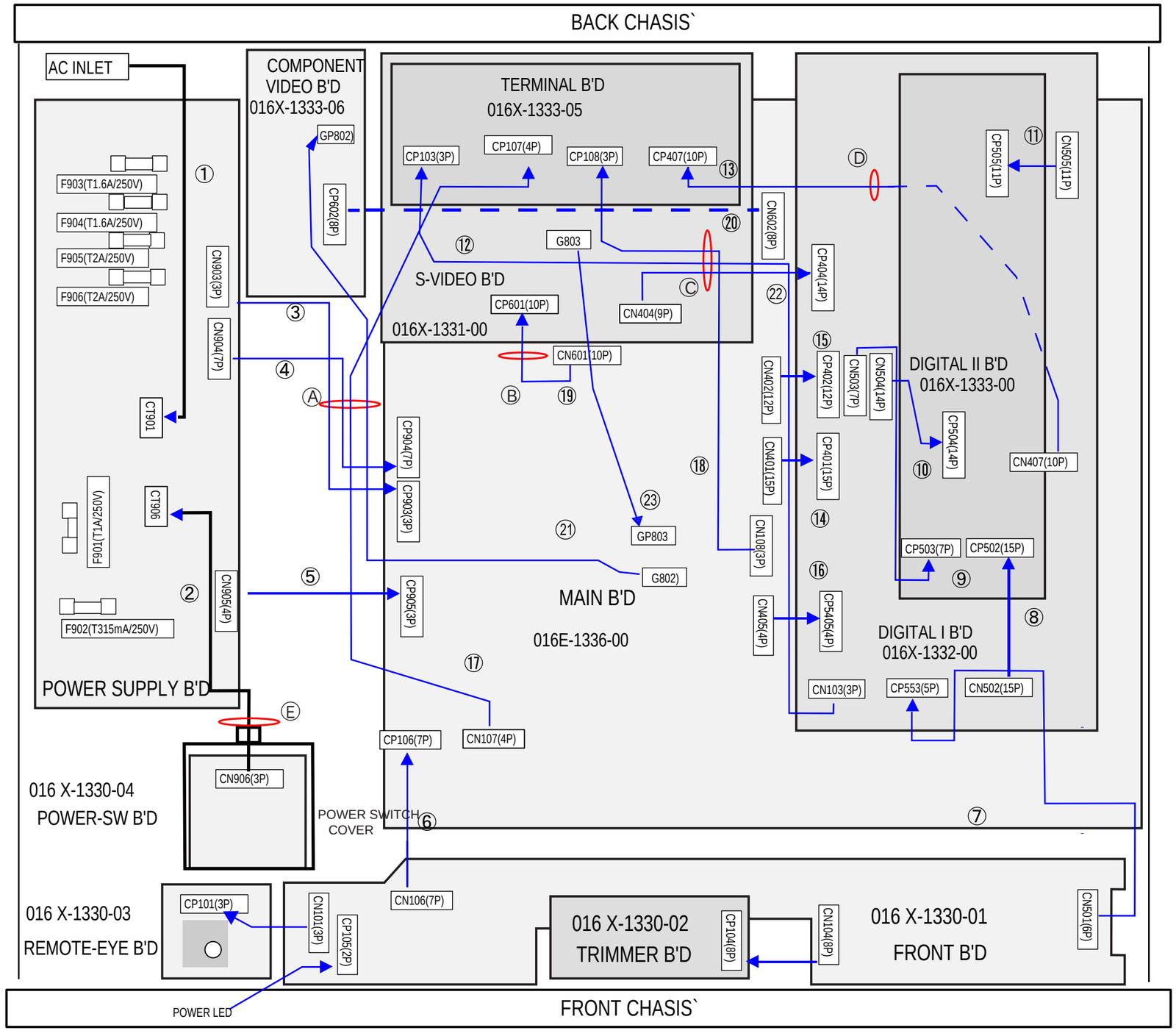
First of all, User should have the new software file (ROTEL supply) before proceeding the software up-grade process.

1. Power RSP-1066 off.
2. Remove all of connections between RSP-1066 and other equipments.
3. Connect RSP-1066and PC with RJ45/DB9 cable. RJ45 jack should be connected to COMOUTER I/O port in SP-1066 rear panel. DB9 jack will be connected to PC serial port (ex. COM1 or COM2,,,).
4. Switch down the SOFTWARE UPGRADABLE key to ON in RSP-1066 rear panel.
5. Open HyperTerminal program in Windows 98 (Program / Supplement Program / Communication / HyperTerminal)
6. Input name and select icon to use for connection in connection explanation dialogue box and click O.K.
7. Connection object dialogue box appears. Select modem(N) to use for connection. For example, if DB9 cable is connected to COM1 serial port of PC, select COM1.
8. Selected serial port registration dialogue box appears. Select value or option per item as follows.
   *Bit per second (B) : 19200
   *Data Bit (D) : 8
   *Parity (P) : None
   *Stop Bit (S) : 1
   *Flow Control (F) : None
   *And click O.K.
9. Click File (F) and click Property (R) in file menu of HyperTerminal.
10. Select setup.
11. In set up dialogue box, select options per item as follows.
    *Function Key : Terminal Key(T)
    *Backspace function: Ctr+H(C)
    *Emulation: VT100
    *Telnet Terminal: VT100
    *Back scroll buffer line : 500
    *And click ASCII Setup (A)
    *Select (A) & (W) at ASCII receiving section, Click O.K
    *Click O.K

12. Power RSP-1066 on and then options message appears in HyperTerminal screen. In the message, select number 1. Erase of current software begins.
13. When erasing finishes, download file message appears. Select Text file sending (T) in Transmission menu (T)of HyperTerminal and text file sending dialogue box appears.
14. Change the finding file format from (*.TXT) to (*.*) format, and find the new software which is for up-date.(*. Bin) format.
15. Double-click new software file. The extension of software file name is bin (ex. xxx.bin). Then software upgrade begins.
16. When the upgrade finishes, check message appears. In the message, compare received data checksum with rom checksum. If they are same, the upgrade is done correctly.
17. Power RSP-1066 off and switch up the SOFTWARE UPGRADABLE key to Off in the rear panel.
18. Disconnect the cable between PC and the RSP-1066
19. Power RSP-1066 on and set the default setting on the OSD screen menu with connecting a TV monitor. And confirm if the software version is upgraded.

Wiring Diagram

RSP-1066

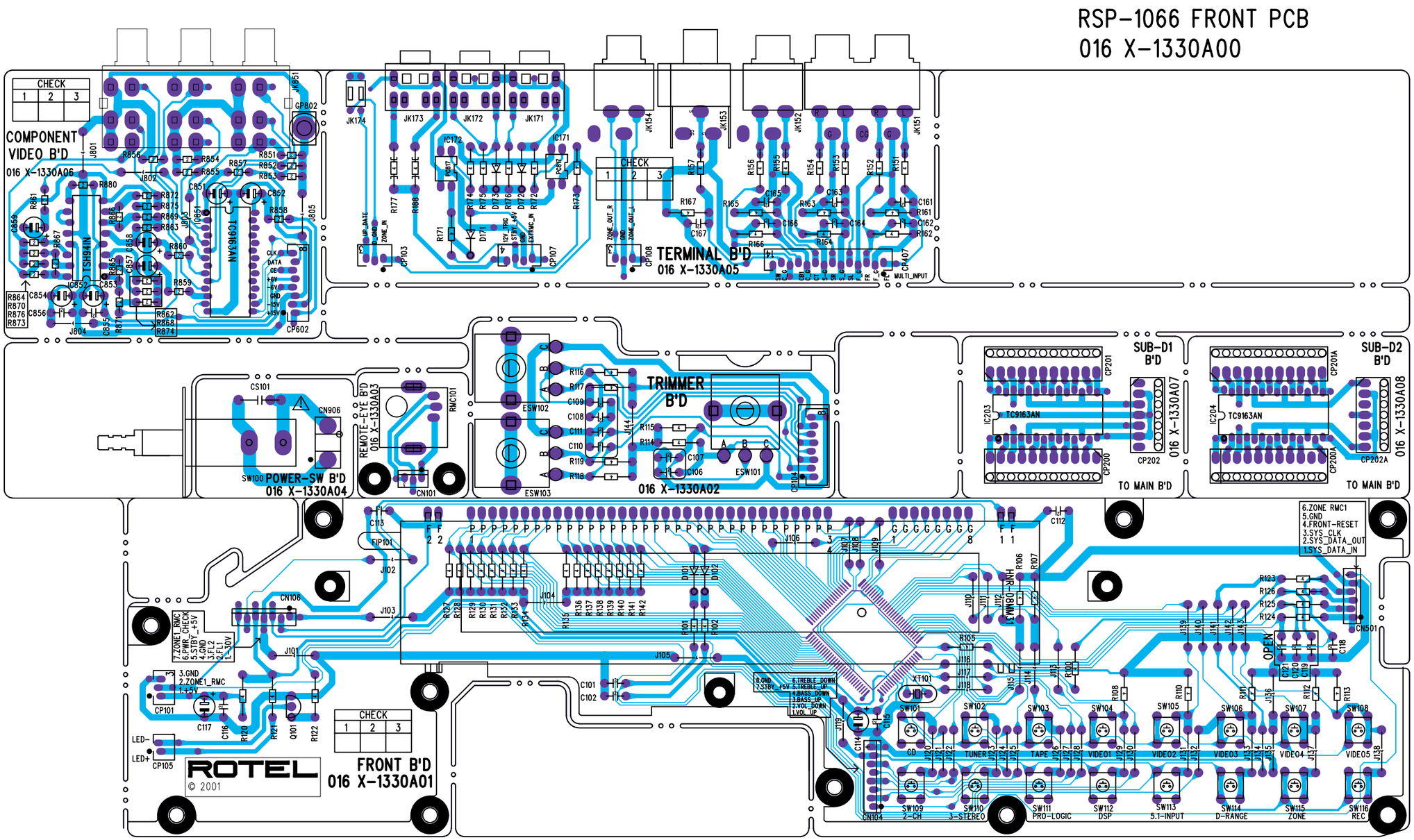


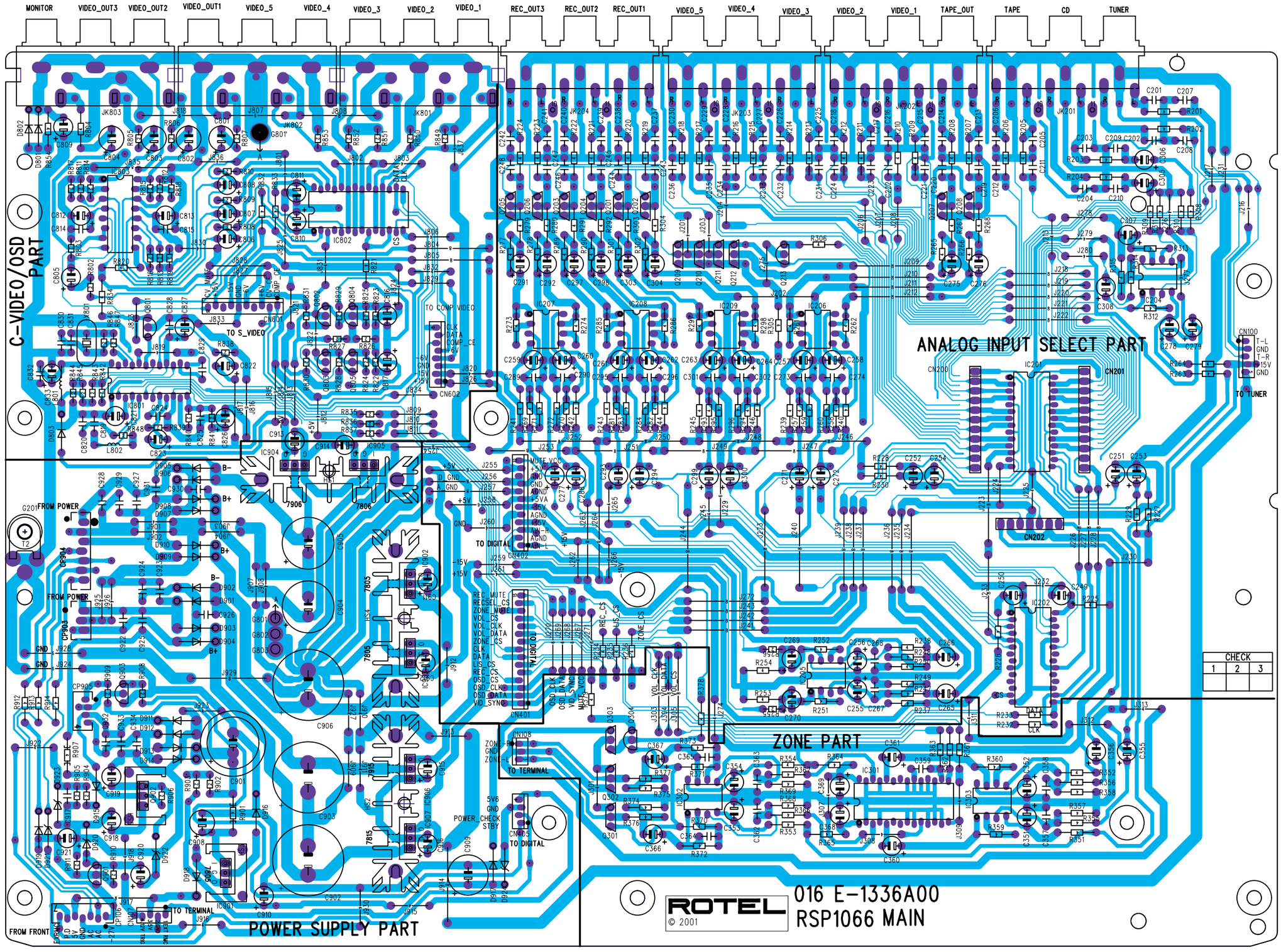
Wiring

① AC INLET ⇒ POWER SUPPLY B'D CT901
② POWER-SW B'D CN906 ⇒ POWER SUPPLY B'D CT906
③ POWER SUPPLY B'D CN903 ⇒ MAIN B'D CP903
④ POWER SUPPLY B'D CN904 ⇒ MAIN B'D CP904
⑤ POWER SUPPLY B'D CN905 ⇒ MAIN B'D CP905
⑥ FRONT B'D CN106 ⇒ MAIN B'D CP106
⑦ FRONT B'D CN501 ⇒ DIGITAL I B'D CP553
⑧ DIGITAL 1 B'D CN502 ⇒ DIDITAL II B'D CP502
⑨ DIGITAL 1 B'D CN503 ⇒ DIDITAL II B'D CP503
⑩ DIGITAL1 B'D CN504 ⇒ DIDITAL II B'D CP504
⑪ DIGITAL 1 B'D CN505 ⇒ DIDITAL II B'D CP505
⑫ DIGITAL 1 B'D CN103 ⇒ TERMINAL B'D CP103
⑬ DIGITAL 1 B'D CN407 ⇒ TERMINAL B'D CP407
⑭ MAIN B'D CN401 ⇒ DIGITAL 1 B'D CP401
⑮ MAIN B'D CN402 ⇒ DIGITAL 1 B'D CP402
⑯ MAIN B'D CN405 ⇒ DIGITAL 1 B'D CP405
⑰ MAIN B'D CN107 ⇒ TERMINAL B'D CP107
⑱ MAIN B'D CN108 ⇒ TERMINAL B'D CP108
⑲ MAIN B'D CN601 ⇒ S VIDEO B'D CP601
⑳ MAIN B'D CN602 ⇒ CONPONENT B'D CP602
㉑ MAIN B'D G 802 ⇒ CONPONENT B'D CP802
㉒ S VIDEO B'D CN404 ⇒ DIGITAL 1 B'D CP404
㉓ S VIDEO B'D G803 ⇒ MAIN B'D GP803

Front PCB (Component Video, Terminal, Sub, Trimmer, Power-SW, Front)

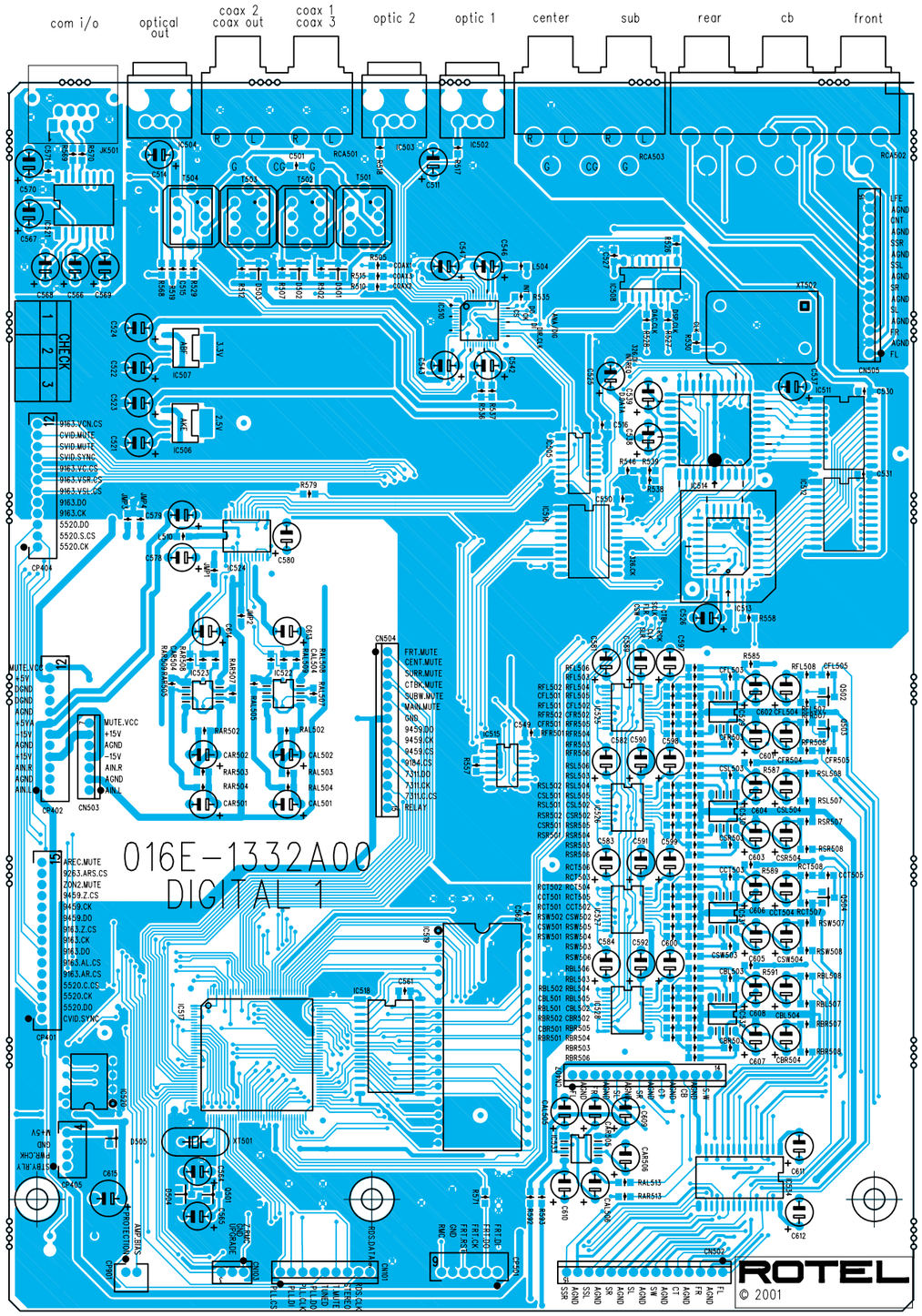
016 X-1330A00



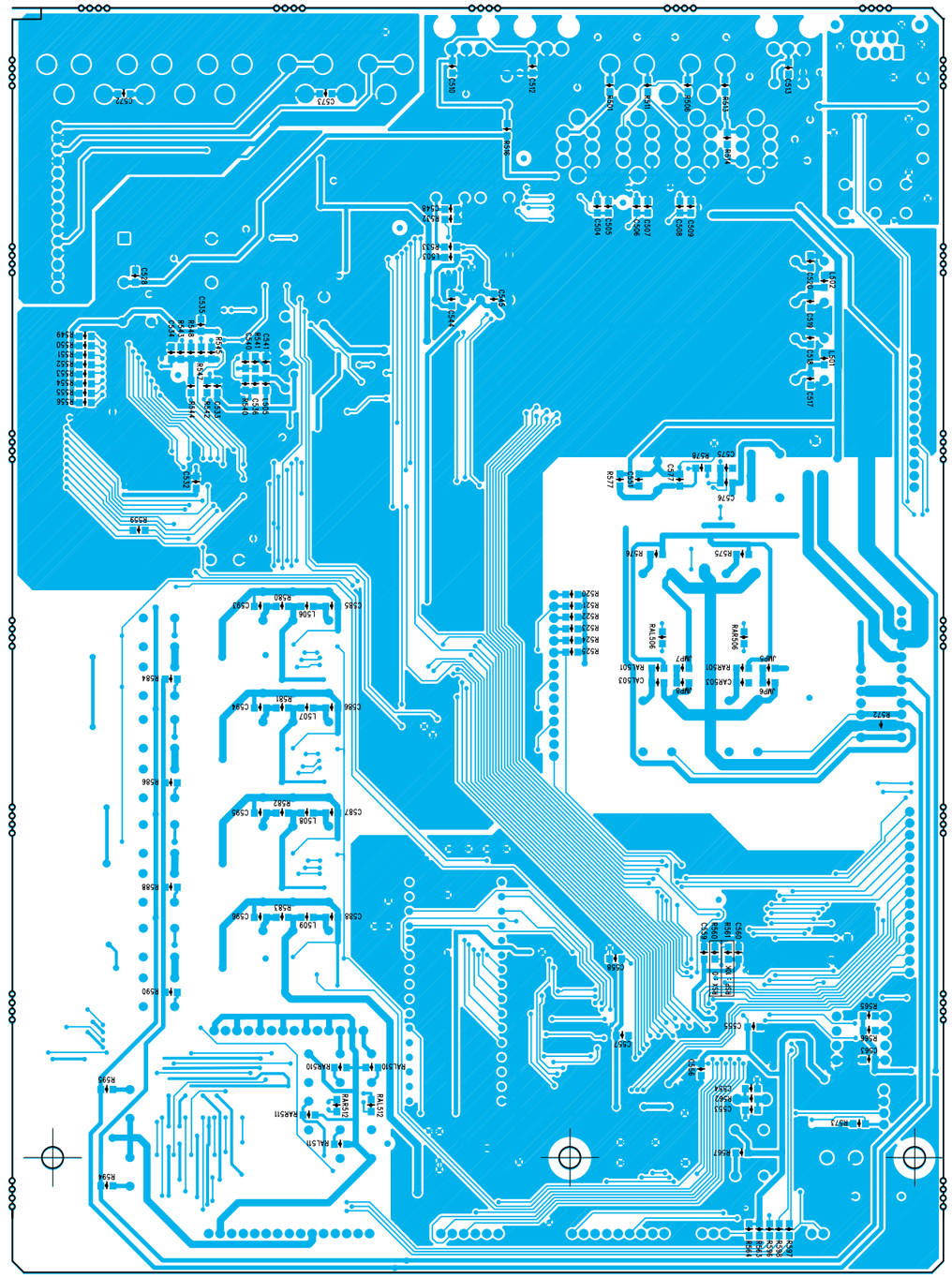

MONITOR
VIDEO_OUT3
VIDEO_OUT2
VIDEO_OUT1
VIDEO_5
VIDEO_4
VIDEO_3
VIDEO_2
VIDEO_1
REC_OUT3
REC_OUT2
REC_OUT1
VIDEO_5
VIDEO_4
VIDEO_3
VIDEO_2
VIDEO_1
TAPE_OUT
TAPE
CD
TUNER
C-VIDEO/OSD PART
ANALOG INPUT SELECT PART
ZONE PART
POWER SUPPLY PART
FROM POWER
FROM FRONT
TO S_VIDEO
TO COMP VIDEO
TO DIGITAL
TO TERMINAL
TO TUNER
CHECK
ROTEL
© 2001
016 E-1336A00
RSP1066 MAIN

Digital 1 PCB

Top view



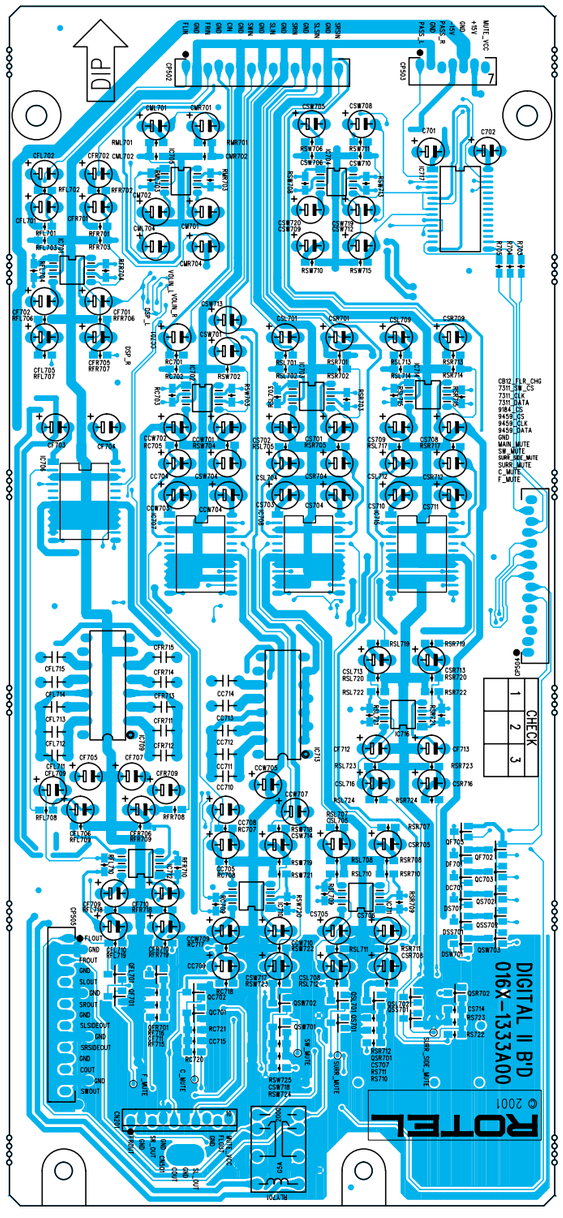
Bottom view



Digital 2 PCB

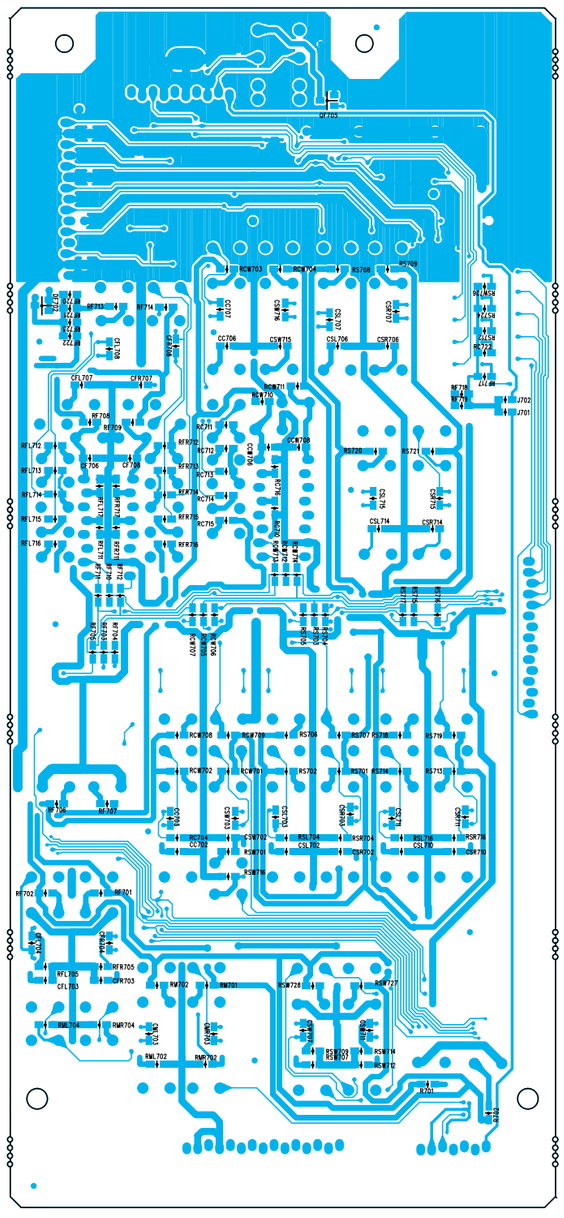
016 X-1333A00

Top View



DIGITAL II B'D 016X-1333A00 2001.10.29

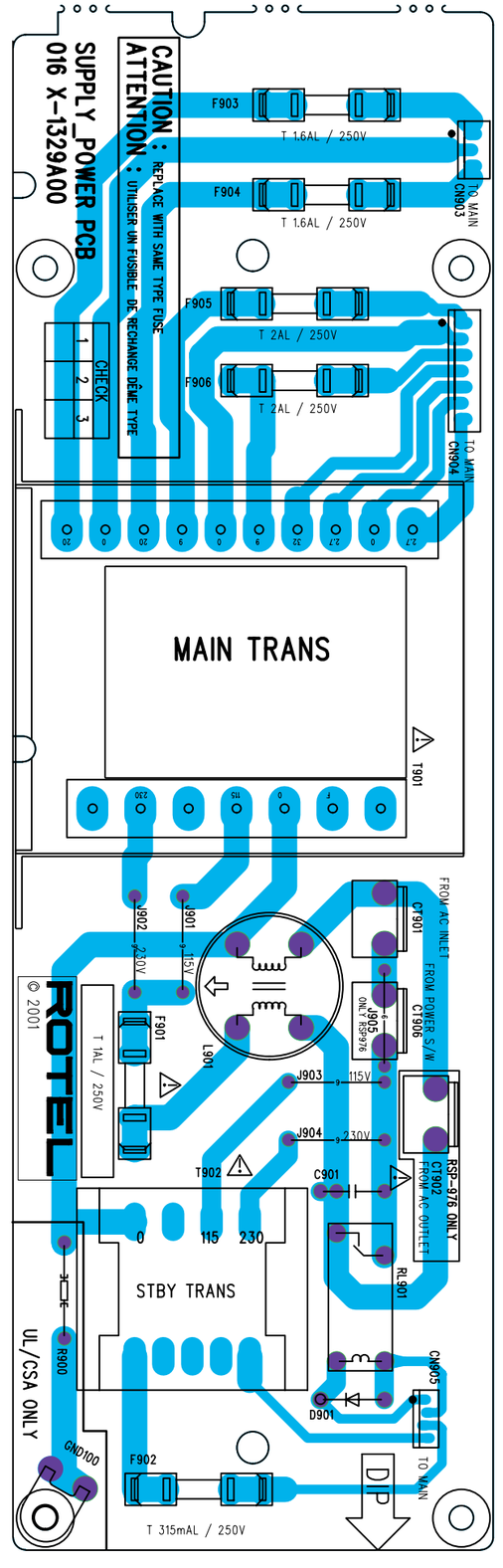
Bottom View



Power Supply PCB

016 X-1329A00

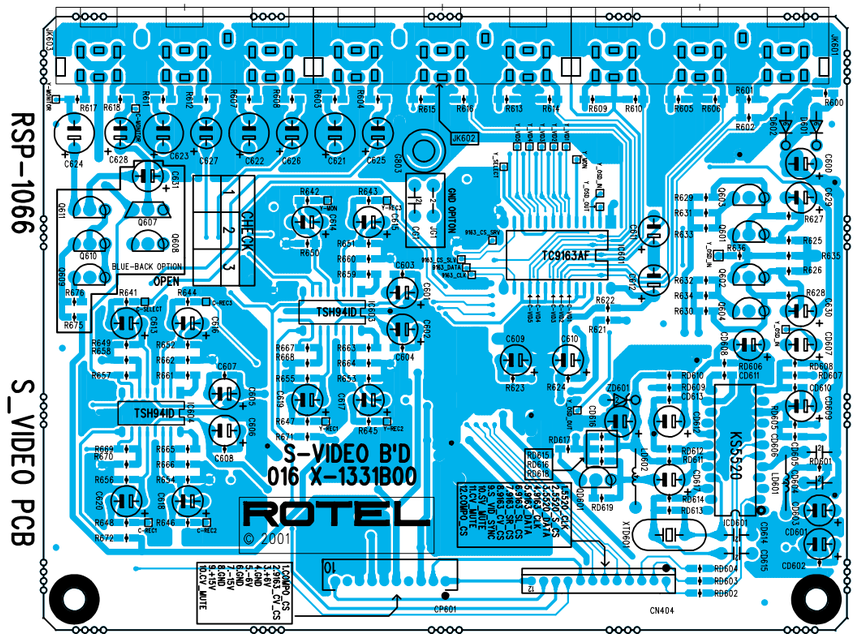
RSP-1066



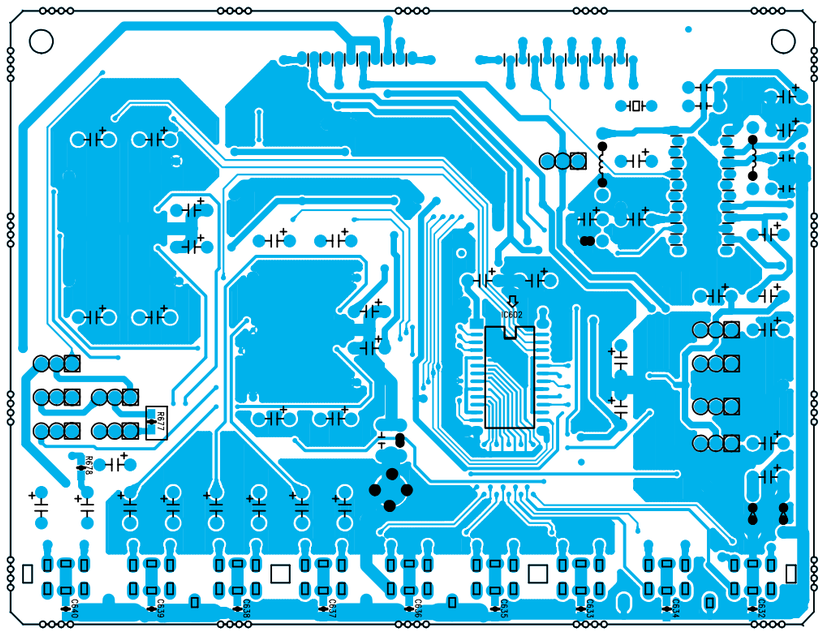
S-Video PCB

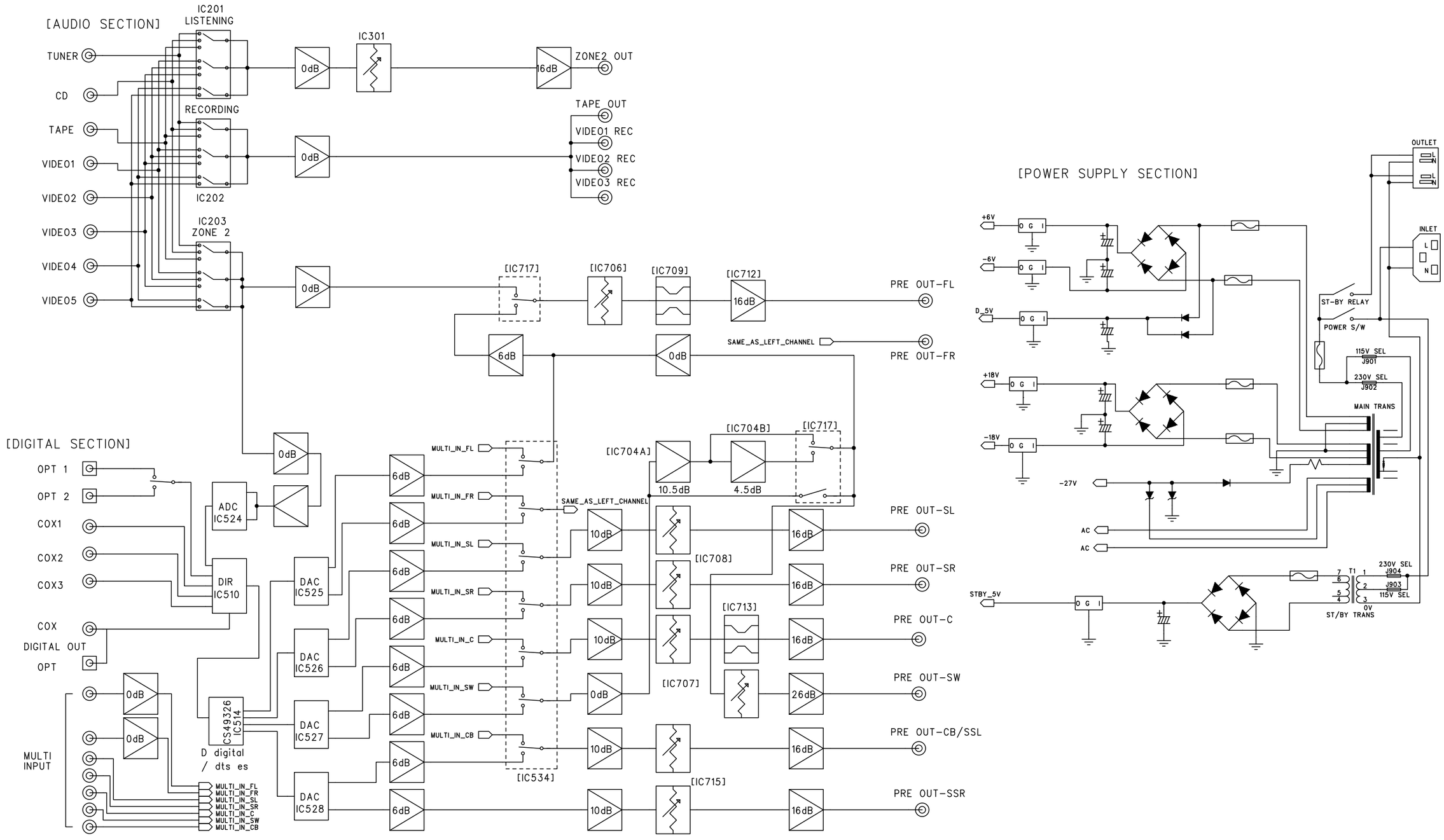
016 X-1331B00

Top View



Bottom View

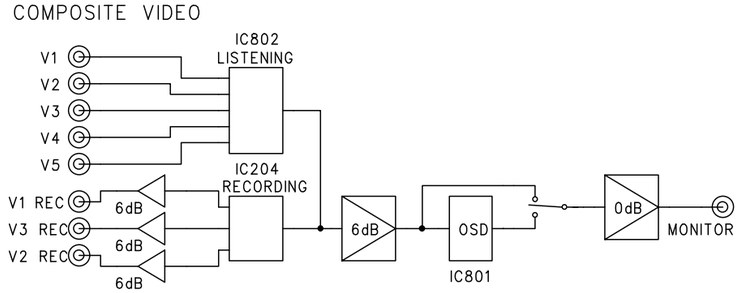



[AUDIO SECTION]
IC201
LISTENING
TUNER
CD
TAPE
VIDEO1
VIDEO2
VIDEO3
VIDEO4
VIDEO5
RECORDING
IC202
IC203
ZONE 2
0dB
IC301
16dB
ZONE2 OUT
TAPE OUT
VIDEO1 REC
VIDEO2 REC
VIDEO3 REC
[IC717]
[IC706]
[IC709]
[IC712]
PRE OUT-FL
6dB
SAME_AS_LEFT_CHANNEL
PRE OUT-FR
[IC704B]
[IC717]
[IC704A]
10.5dB
4.5dB
[DIGITAL SECTION]
OPT 1
OPT 2
COX1
COX2
COX3
COX
DIGITAL OUT
OPT
ADC
IC524
DIR
IC510
DAC
IC525
DAC
IC526
DAC
IC527
DAC
IC528
CS49326
IC514
D digital
/ dts es
MULTI
INPUT
MULTI_IN_FL
MULTI_IN_FR
MULTI_IN_SL
MULTI_IN_SR
MULTI_IN_C
MULTI_IN_SW
MULTI_IN_CB
[IC534]
10dB
[IC708]
[IC713]
[IC707]
[IC715]
16dB
26dB
PRE OUT-SL
PRE OUT-SR
PRE OUT-C
PRE OUT-SW
PRE OUT-CB/SSL
PRE OUT-SSR
[POWER SUPPLY SECTION]
+6V
-6V
D_5V
+18V
-18V
-27V
AC
AC
STBY_5V
OUTLET
INLET
ST-BY RELAY
POWER S/W
115V SEL
J901
230V SEL
J902
MAIN TRANS
230V SEL
J904
J903
115V SEL
T1
0V
ST/BY TRANS

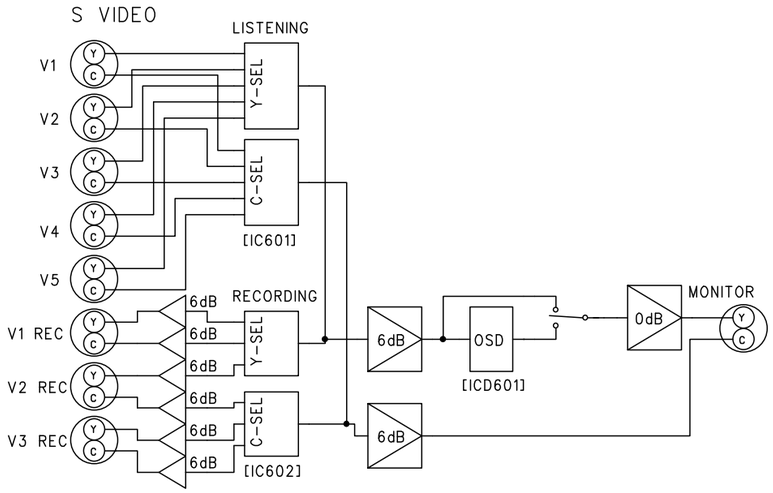
Block Diagram - 2/2 RSP-1066

[VIDEO SECTION]

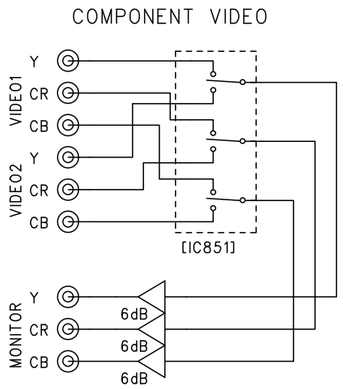
COMPOSITE VIDEO



S VIDEO



COMPONENT VIDEO



[CONTROL SECTION]